

# FACTS OF LIFE AND DEATH

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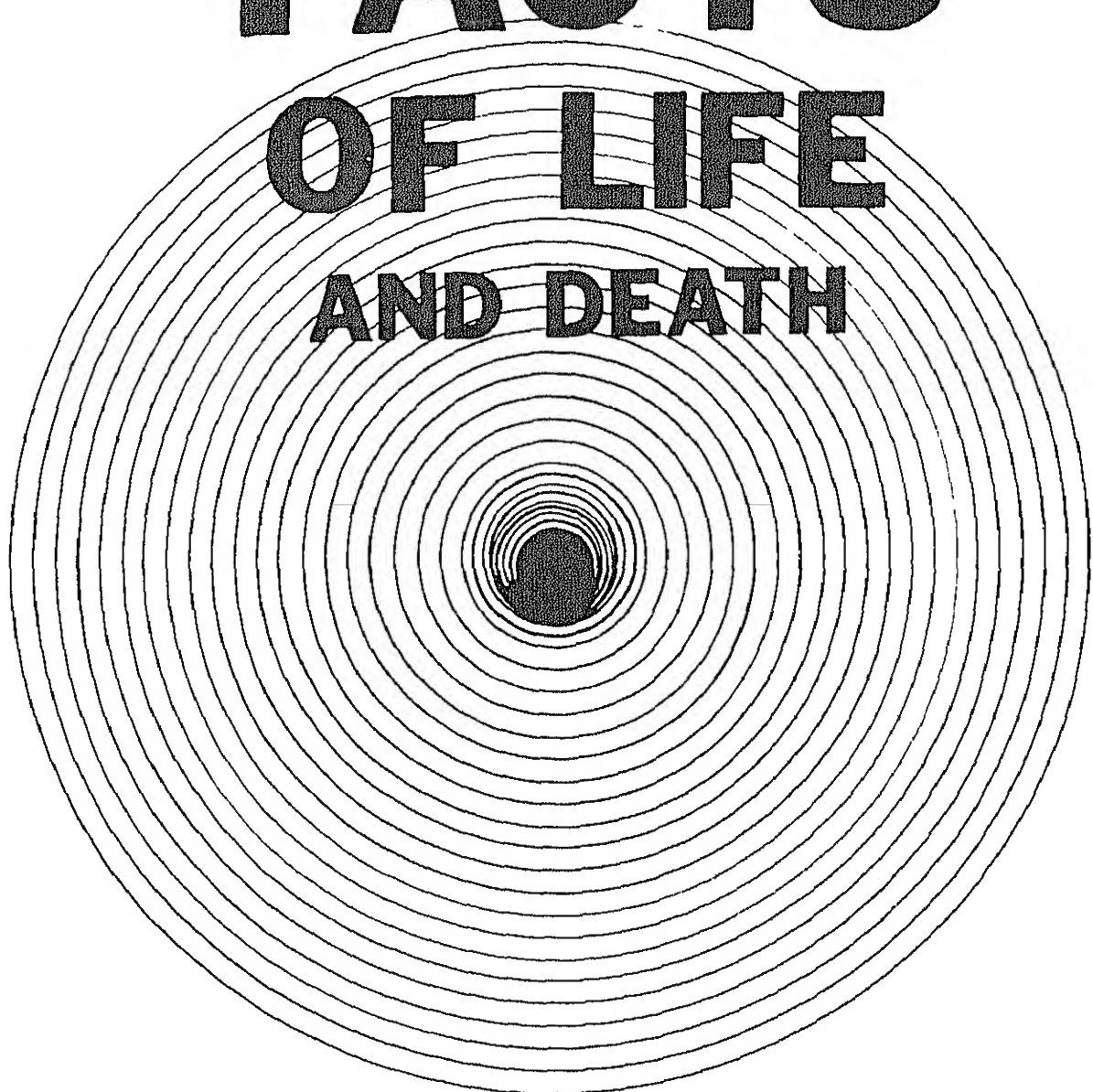
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U.S. DEPARTMENT OF  
HEALTH, EDUCATION, AND WELFARE

Public Health Service  
Health Services and Mental Health Administration

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# **FACTS OF LIFE AND DEATH**



**U.S. DEPARTMENT OF  
HEALTH, EDUCATION, AND WELFARE  
PUBLIC HEALTH SERVICE**

**HEALTH SERVICES AND MENTAL HEALTH ADMINISTRATION  
National Center for Health Statistics  
Rockville, Maryland 1970**

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## INTRODUCTION

The statistics in this report have been assembled by the National Center for Health Statistics, Public Health Service, to answer questions frequently asked about vital and health statistics for the United States.

Information on births, deaths, marriages, divorces, and life expectancy is based on vital data gathered by the Center's Division of Vital Statistics.

Estimates for selected health conditions, chronic conditions, persons injured, and days of bed disability came from the Division of Health Interview Statistics.

Health personnel data were obtained from the Division of Health Resources Statistics.

Reported cases of communicable diseases came from the Center for Disease Control, Atlanta, Georgia.

Vital statistics shown in this report include only events occurring within a specified area. Beginning with 1933, all data cover events occurring within the entire conterminous (48) United States. Beginning with 1959, the figures include Alaska, and starting with 1960, they include Hawaii. For the years prior to 1933, data for marriages, divorces, and births, when these are shown as having been adjusted for underregistration, are for the entire United States. Data for registered births and deaths, prior to 1933, are for expanding groups of registration States.

Fetal deaths are excluded from birth and death statistics. Fetal death figures include only fetal deaths for which the period of gestation was given as 20 weeks or more or was not stated.

Numbers shown as estimated in certain tables are based on a sample of incomplete data. Numbers shown as provisional are based on figures reported on a monthly basis and are subject to revision in final tabulations.

Rates are based on population figures from the Bureau of the Census. Birth and divorce rates for 1941-46 are based on population including the Armed Forces abroad; other rates are based on total population residing in the area. For years ending in a zero, rates are based on the enumerated population as indicated in table 1. For all other years, rates are based on estimated midyear population.

SYMBOLS	
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Table 1. Population residing in the United States and annual rate of increase (percent per year) between dates given: 1900-1969

Year	Population	Annual rate of increase
1900 (12th decennial census, June 1)-----	75,994,575	...
1910 (13th decennial census, April 15)-----	91,972,266	2.13
1920 (14th decennial census, Jan. 1)-----	105,710,620	1.54
1930 (15th decennial census, April 1)-----	122,775,046	1.57
1940 (16th decennial census, April 1)-----	131,669,275	0.72
1950 (17th decennial census, April 1)-----	150,697,361	1.45
1960 (18th decennial census, April 1)-----	179,323,175	1.90
1961 (estimated as of July 1)-----	183,057,000	1.66
1962 (estimated as of July 1)-----	185,890,000	1.54
1963 (estimated as of July 1)-----	188,658,000	1.49
1964 (estimated as of July 1)-----	191,371,000	1.44
1965 (estimated as of July 1)-----	193,818,000	1.28
1966 (estimated as of July 1)-----	195,857,000	1.05
1967 (estimated as of July 1)-----	197,863,000	1.02
1968 (estimated as of July 1)-----	199,861,000	1.01
1969 (estimated as of July 1)-----	201,921,000	1.03

Table 2. Population residing in the United States, by age, and percent of total population in each age group: 1940, 1960, and 1969

[Enumerated as of April 1 for 1940 and 1960 and estimated as of July 1 for 1969]

Age	Population in millions			Percent of total population in age group		
	1940	1960	1969	1940	1960	1969
All ages-----	131.7	179.3	201.9	100.0	100.0	100.0
Under 5 years-----	10.5	20.3	18.0	8.0	11.3	8.9
5-9 years-----	10.7	18.7	20.8	8.1	10.4	10.3
10-14 years-----	11.7	16.8	20.5	8.9	9.4	10.2
15-19 years-----	12.3	13.2	18.4	9.4	7.4	9.1
20-24 years-----	11.6	10.8	15.8	8.8	6.0	7.8
25-29 years-----	11.1	10.9	13.2	8.4	6.1	6.5
30-34 years-----	10.2	11.9	11.2	7.8	6.7	5.6
35-39 years-----	9.5	12.5	11.1	7.2	7.0	5.5
40-44 years-----	8.8	11.6	12.1	6.7	6.5	6.0
45-49 years-----	8.3	10.9	12.2	6.3	6.1	6.0
50-54 years-----	7.3	9.6	11.0	5.5	5.4	5.4
55-59 years-----	5.9	8.4	9.9	4.5	4.7	4.9
60-64 years-----	4.8	7.1	8.3	3.6	4.0	4.1
65-69 years-----	3.8	6.3	6.8	2.9	3.5	3.4
70-74 years-----	2.6	4.7	5.2	2.0	2.6	2.6
75 years and over-----	2.6	5.6	7.5	2.0	3.1	3.7



Table 3. Marriages, divorces, and rates: 1930-69

Year	Marriages <sup>1</sup>				Divorces <sup>2</sup>		
	Number	Rate per 1,000 population	Rate per 1,000 unmarried women 15-44 years	Rate per 1,000 unmarried women 15+ years	Number	Rate per 1,000 population	Rate per 1,000 married women 15+ years
1930-----	1,126,856	9.2	---	67.2	195,961	1.6	7.5
1935-----	1,327,000	10.4	---	72.5	218,000	1.7	7.8
1940-----	1,595,879	12.1	127.4	82.8	264,000	2.0	8.8
1945-----	1,612,992	12.2	138.2	83.6	485,000	3.5	14.4
1950-----	1,667,231	11.1	166.4	90.2	385,144	2.6	10.3
1955-----	1,531,000	9.3	161.1	80.9	377,000	2.3	9.3
1956-----	1,585,000	9.5	165.6	82.4	382,000	2.3	9.4
1957-----	1,518,000	8.9	157.4	78.0	381,000	2.2	9.2
1958-----	1,451,000	8.4	146.3	72.0	368,000	2.1	8.9
1959-----	1,494,000	8.5	149.8	73.6	395,000	2.2	9.3
1960-----	1,523,000	8.5	148.0	73.5	393,000	2.2	9.2
1961-----	1,548,000	8.5	145.4	72.2	414,000	2.3	9.6
1962-----	1,577,000	8.5	138.4	71.2	413,000	2.2	9.4
1963-----	1,654,000	8.8	143.3	73.4	428,000	2.3	9.6
1964-----	1,725,000	9.0	146.2	74.6	450,000	2.4	10.0
1965-----	1,800,000	9.3	144.3	75.0	479,000	2.5	10.6
1966-----	1,857,000	9.5	145.1	75.6	499,000	2.5	10.9
1967-----	1,927,000	9.7	145.2	76.4	523,000	2.6	11.2
1968 <sup>3</sup> ----	2,059,000	10.3	146.5	78.7	582,000	2.9	12.4
1969 <sup>3</sup> ----	2,146,000	10.6	149.1	80.0	660,000	3.3	13.9

<sup>1</sup>Estimated for 1935 and 1955-67<sup>2</sup>Estimated. Includes reported annulments.<sup>3</sup>Provisional.

FIG. A. MARRIAGE AND DIVORCE RATES: 1930-69

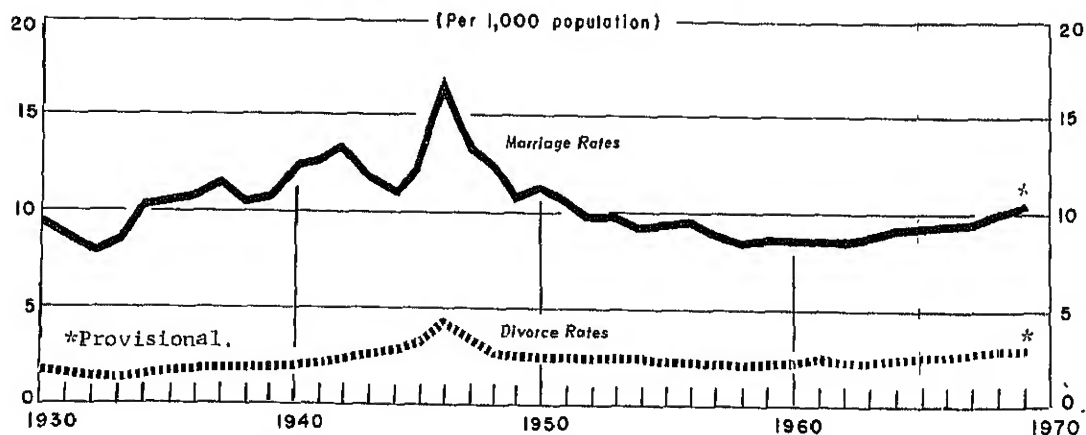




Table 4. Live births and birth rates: 1930-69

Year	Registered live births		Births adjusted for underregistration <sup>1</sup>	
	Number	Rate per 1,000 population	Number	Rate per 1,000 population
1930-----	<sup>2</sup> 2,203,958	18.9	<sup>3</sup> 2,618,000	21.3
1935-----	2,155,105	16.9	2,377,000	18.7
1940-----	2,360,399	17.9	2,559,000	19.4
1945-----	2,735,456	19.5	2,858,000	20.4
1950-----	3,554,149	23.6	3,632,000	24.1
1955-----	4,047,295	24.6	4,104,000	25.0
1956 <sup>4</sup> -----	4,163,090	24.9	4,218,000	25.2
1957 <sup>1</sup> -----	4,254,784	25.0	4,308,000	25.3
1958 <sup>4</sup> -----	4,203,812	24.3	4,255,000	24.5
1959 <sup>4</sup> -----	4,244,796	24.0	4,295,000	24.3
1960 <sup>4</sup> -----	4,257,850	23.7	---	---
1961 <sup>4</sup> -----	4,268,326	23.3	---	---
1962 <sup>4</sup> -----	4,167,362	22.4	---	---
1963 <sup>4</sup> -----	4,098,020	21.7	---	---
1964 <sup>4</sup> -----	4,027,490	21.0	---	---
1965 <sup>4</sup> -----	3,760,358	19.4	---	---
1966 <sup>4</sup> -----	3,606,274	18.4	---	---
1967 <sup>5</sup> -----	3,520,959	17.8	---	---
1968 <sup>4</sup> -----	3,501,564	17.5	---	---
1969 <sup>6</sup> -----	3,571,000	17.7	---	---

<sup>1</sup> Adjustment for underregistration discontinued after 1959.

<sup>2</sup> Birth-registration area included 46 States.

<sup>3</sup> Estimated for the entire United States.

<sup>4</sup> Data based on a 50-percent sample of births.

<sup>5</sup> Based on a 20-to 50-percent sample of births.

<sup>6</sup> Provisional.

FIG. B. BIRTH RATES: 1930-69

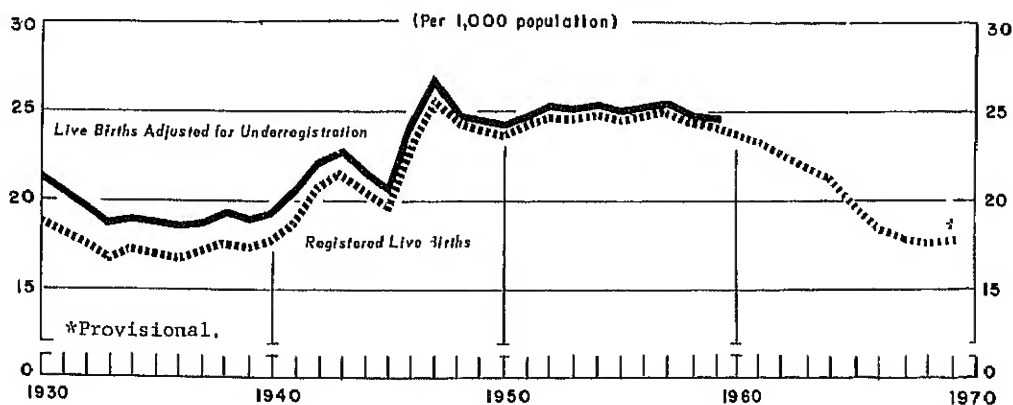


Table 5. Birth rates by age of mother: 1940-69

Year	15-44 years <sup>1</sup>	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years
1940-----	79.9	0.7	54.1	135.6	122.8	83.4	46.3	15.6	1.9
1945-----	85.9	0.8	51.1	138.9	132.2	100.2	56.9	16.6	1.6
1950-----	106.2	1.0	81.6	196.6	166.1	103.7	52.9	15.1	1.2
1955-----	118.5	0.9	90.5	242.0	190.5	116.2	58.7	16.1	1.0
1956 <sup>2</sup> -----	121.2	1.0	94.6	253.7	194.7	117.3	59.3	16.3	1.0
1957 <sup>2</sup> -----	122.9	1.0	96.3	260.6	199.4	118.9	59.9	16.3	1.1
1958 <sup>2</sup> -----	120.2	0.9	91.4	258.2	198.3	116.2	58.3	15.7	0.9
1959 <sup>2</sup> -----	118.8	0.9	89.1	257.5	198.6	114.4	57.3	15.3	0.9
1960 <sup>2</sup> -----	118.0	0.8	89.1	258.1	197.4	112.7	56.2	15.5	0.9
1961 <sup>2</sup> -----	117.2	0.9	88.0	253.7	197.9	113.3	55.6	15.6	0.9
1962 <sup>2</sup> -----	112.2	0.8	81.2	243.7	191.7	108.9	52.7	14.8	0.9
1963 <sup>2</sup> -----	108.5	0.9	76.4	231.2	185.8	106.2	51.3	14.2	0.9
1964 <sup>2</sup> -----	105.0	0.9	72.8	219.9	179.4	103.9	50.0	13.8	0.8
1965 <sup>2</sup> -----	96.6	0.8	70.4	196.8	162.5	95.0	46.4	12.8	0.8
1966 <sup>2</sup> -----	91.3	0.9	70.6	185.9	149.4	85.9	42.2	11.7	0.7
1967 <sup>3</sup> -----	87.6	0.9	67.9	174.0	142.6	79.3	38.5	10.6	0.7
1968 <sup>2</sup> -----	85.7	1.0	66.1	167.4	140.3	74.9	35.6	9.6	0.6
1969 <sup>1,4</sup> -----	85.8	---	---	---	---	---	---	---	---

<sup>1</sup>Rates computed relating total births, regardless of age of mother, to women aged 15-44 years.

<sup>2</sup>Based on a 50-percent sample of births.

<sup>3</sup>Based on a 20-to 50-percent sample of births.

<sup>4</sup>Provisional.

FIG. C. FERTILITY RATES: 1930-69

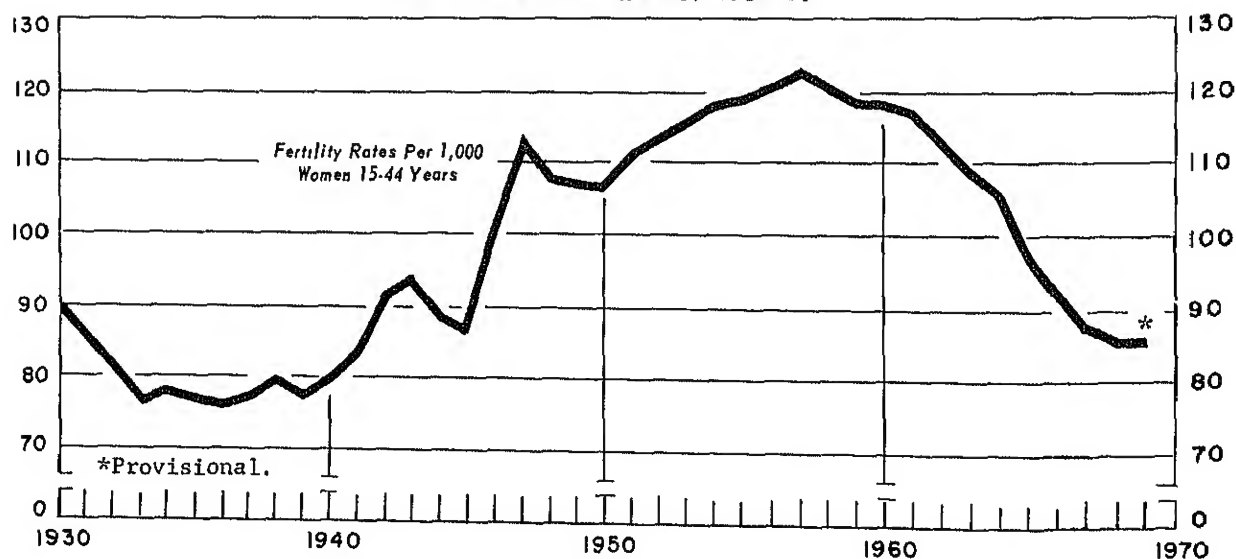


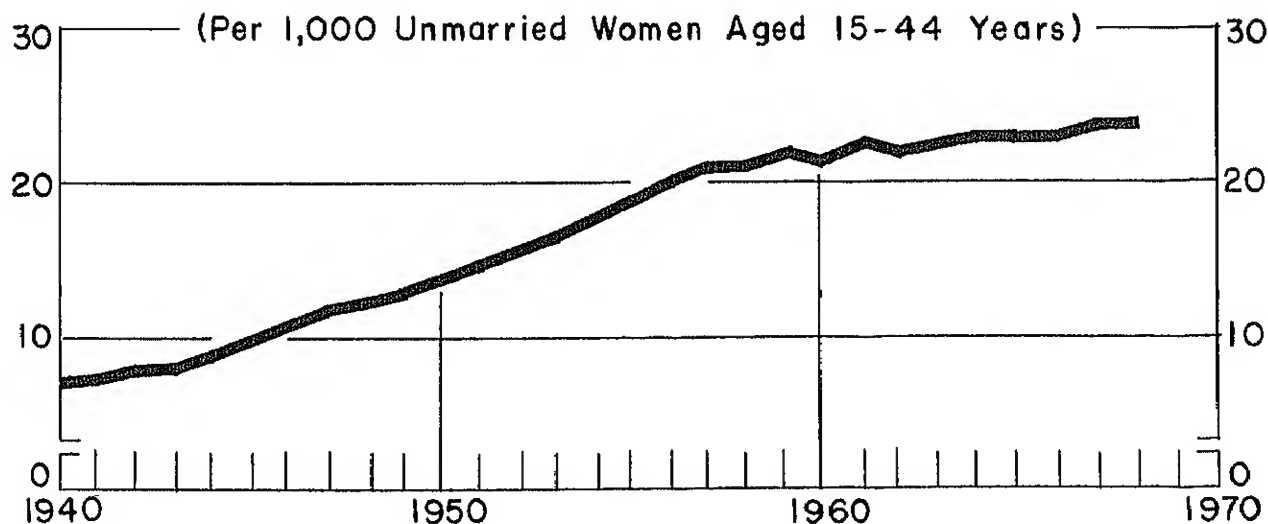
Table 6. Estimated number of illegitimate live births and illegitimacy rates and ratios: 1940-68

Year	Number	Rate per 1,000 unmarried women aged 15-44 years	Ratio per 1,000 total live births
1940-----	89,500	7.1	37.9
1945-----	117,400	10.1	42.9
1950-----	141,600	14.1	39.8
1955-----	183,300	19.3	45.3
1956 <sup>1</sup> -----	193,500	20.2	46.5
1957 <sup>1</sup> -----	201,700	20.9	47.4
1958 <sup>1</sup> -----	208,700	21.0	49.6
1959 <sup>1</sup> -----	220,600	22.1	52.0
1960 <sup>1</sup> -----	224,300	21.8	52.7
1961 <sup>1</sup> -----	240,200	22.6	56.3
1962 <sup>1</sup> -----	245,100	21.5	58.8
1963 <sup>1</sup> -----	259,400	22.5	63.3
1964 <sup>1</sup> -----	275,700	23.4	68.5
1965 <sup>1</sup> -----	291,200	23.4	77.4
1966 <sup>1</sup> -----	302,400	23.6	83.9
1967 <sup>2</sup> -----	318,100	24.0	90.3
1968 <sup>1</sup> -----	339,200	24.1	96.9

<sup>1</sup>Data based on a 50-percent sample of births.

<sup>2</sup>Data based on a 20-to 50-percent sample of births.

FIG. D. ESTIMATED ILLEGITIMACY RATES: 1940-68



There is substantial evidence that many fetal deaths are not reported. Consequently, the ratios shown in Table 7 are believed to be considerably lower than the true ratios. These are annual national estimates

based on the registered births and fetal deaths. Birth registration is much more complete than fetal death registration.

Table 7. Fetal deaths and fetal death ratios: 1945-68

[Includes gestations of 20 weeks or more and those of not-stated duration]

Year	Number	Ratio per 1,000 live births	Year	Number	Ratio per 1,000 live births
1945	65,513	23.9	1961	68,767	16.1
1946	68,262	19.2	1962	66,421	15.9
1947	69,153	17.1	1963	64,640	15.8
1948	68,659	16.5	1964	65,931	16.4
1949	69,561	16.3	1965	60,859	16.2
1950	69,355	16.5	1966	56,637	15.7
1951	68,613	16.2	1967	54,934	15.6
1952	68,480	16.1	1968	55,293	15.8

Table 8. Infant and maternal mortality: 1935-68

Year	Infant mortality				Maternal mortality <sup>1</sup>			
	Deaths under 1 year	Rate per 1,000 live births			Maternal deaths	Rate per 100,000 live births		
		Total	White	All other		Total	White	All other
1935	120,138	55.7	51.9	83.2	12,544	582.1	530.6	945.7
1936	110,984	47.0	43.2	73.8	8,876	376.0	319.8	773.5
1937	104,684	38.3	35.6	57.0	5,668	207.2	172.1	454.8
1938	103,825	29.2	26.8	44.5	2,960	83.3	61.1	221.6
1939	106,903	26.4	23.6	42.8	1,901	47.0	32.8	130.3
1940	108,183	26.0	23.2	42.1	1,702	40.9	28.7	110.7
1941	112,094	26.3	23.3	43.7	1,746	41.0	27.5	118.3
1942	113,789	27.1	23.8	45.7	1,581	37.6	26.3	101.8
1943	112,008	26.4	23.2	44.0	1,588	37.4	25.8	102.1
1944	110,873	26.0	22.9	43.2	1,579	37.1	26.0	97.9
1945	107,956	25.3	22.4	40.7	1,573	36.9	24.9	101.3
1946	105,479	25.3	22.3	41.4	1,465	35.2	23.8	95.9
1947	103,390	25.2	22.2	41.5	1,466	35.8	24.0	96.9
1948	99,783	24.8	21.6	41.1	1,343	33.3	22.3	89.9
1949	92,866	24.7	21.5	40.3	1,189	31.6	21.0	83.7
1950	85,516	23.7	20.6	38.8	1,049	29.1	20.2	72.4
1951	79,028	22.4	19.7	35.9	987	28.0	19.5	69.5
1952	76,263	21.8	19.2	34.5	*950	*27.4	---	---

<sup>1</sup>Excludes deliveries and complications of pregnancy, childbirth, and the puerperium. Data for 1950 exclude data for residents of New Jersey.

FIG. E. INFANT MORTALITY RATES: 1930-69

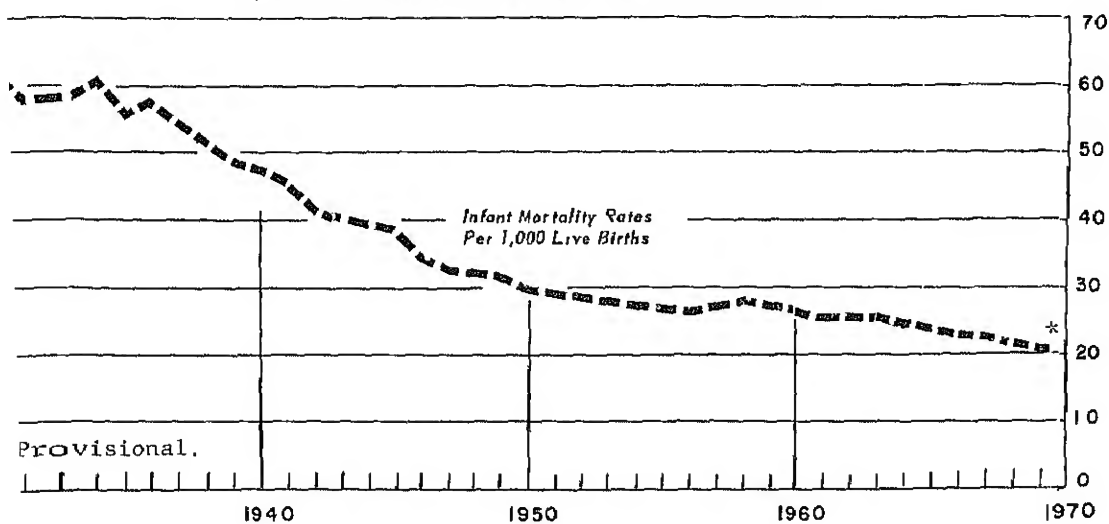


Table 9. Neonatal mortality rates by color and sex: 1950-68

[Rates are deaths under 28 days per 1,000 live births in specified color-sex group]

Deaths under 28 days	Total			White			All other		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
72,855	20.5	23.3	17.5	19.4	22.2	16.4	27.5	30.8	24.2
75,192	20.0	22.9	17.1	18.9	21.6	16.0	27.3	31.0	23.6
76,253	19.8	22.5	17.0	18.5	21.1	15.8	28.0	31.6	24.4
76,332	19.6	22.3	16.7	18.3	21.0	15.4	27.4	30.1	24.6
76,724	19.1	21.7	16.3	17.8	20.4	15.1	27.0	30.1	23.7
77,351	19.1	21.7	16.4	17.7	20.3	15.1	27.2	30.2	24.1
78,659	18.9	21.5	16.2	17.5	20.0	14.8	27.0	30.4	23.6
81,088	19.1	21.6	16.4	17.5	20.0	14.9	27.8	30.7	24.7
81,798	19.5	21.9	16.8	17.8	20.2	15.2	29.0	32.0	25.9
80,778	19.0	21.6	16.3	17.5	20.0	14.8	27.7	30.7	24.6
79,733	18.7	21.2	16.1	17.2	19.7	14.7	26.9	30.0	23.6
78,482	18.4	20.8	15.8	16.9	19.3	14.4	26.2	29.1	23.2
76,346	18.3	20.9	15.6	16.9	19.4	14.2	26.1	28.9	23.1
74,648	18.2	20.7	15.6	16.7	19.1	14.1	26.1	29.2	22.9
72,026	17.9	20.3	15.4	16.2	18.5	13.8	26.5	29.6	23.3
66,419	17.7	20.0	15.2	16.1	18.3	13.8	25.4	28.4	22.4
61,941	17.2	19.5	14.8	15.6	17.9	13.2	24.8	27.5	22.1
58,127	16.5	18.7	14.2	15.0	17.2	12.7	23.8	26.3	21.2
56,456	16.1	18.3	13.8	14.7	16.9	12.4	23.0	25.5	20.4

by color exclude data for residents of New Jersey.

Table 10. Deaths, death rates, and age-adjusted death rates: 1935-68

Year	Number	Rate per 1,000 population					Age-adjusted rate per 1,000 population <sup>1</sup>				
		Total	White		All other		Total	White		All other	
			Male	Female	Male	Female		Male	Female	Male	Female
1935-----	1,392,752	10.9	11.6	9.5	15.6	13.0	11.6	12.3	9.8	18.5	16.1
1940-----	1,417,269	10.8	11.6	9.2	15.1	12.6	10.8	11.6	8.8	17.6	15.0
1945-----	1,401,719	10.6	12.5	8.6	13.5	10.5	9.5	10.7	7.5	14.5	11.9
1950-----	1,452,454	9.6	10.9	8.0	12.5	9.9	8.4	9.6	6.5	13.6	11.0
1955-----	1,528,717	9.3	10.7	7.8	11.3	8.8	7.6	9.1	5.7	11.9	9.1
1956-----	1,564,476	9.4	10.8	7.8	11.4	8.8	7.6	9.1	5.7	11.9	9.1
1957-----	1,633,128	9.6	11.0	8.0	11.9	9.1	7.8	9.2	5.7	12.4	9.4
1958-----	1,647,886	9.5	10.9	8.0	11.6	9.0	7.6	9.1	5.6	12.2	9.2
1959-----	1,656,814	9.4	10.8	7.9	11.3	8.6	7.5	9.0	5.5	11.9	8.8
1960-----	1,711,982	9.5	11.0	8.0	11.5	8.7	7.6	9.2	5.6	12.1	8.9
1961-----	1,701,522	9.3	10.7	7.8	10.9	8.4	7.4	8.9	5.4	11.6	8.6
1962 <sup>2</sup> -----	1,756,720	9.5	10.8	8.0	11.2	8.5	7.5	9.0	5.4	12.0	8.7
1963 <sup>2</sup> -----	1,813,549	9.6	11.0	8.1	11.5	8.7	7.6	9.2	5.5	12.5	8.9
1964-----	1,798,051	9.4	10.8	8.0	11.1	8.3	7.4	9.0	5.3	12.2	8.6
1965-----	1,828,136	9.4	10.8	8.0	11.1	8.2	7.4	9.1	5.3	12.4	8.5
1966-----	1,863,149	9.5	10.9	8.1	11.3	8.3	7.5	9.2	5.3	12.7	8.6
1967-----	1,851,323	9.4	10.8	8.0	10.9	7.9	7.3	9.0	5.2	12.4	8.2
1968-----	1,930,082	9.7	11.1	8.2	11.6	8.3	7.5	9.2	5.3	13.3	8.6

<sup>1</sup>Adjusted to age distribution of U.S. population as enumerated in 1940.

<sup>2</sup>Figures by color exclude data for residents of New Jersey.

FIG. F. DEATH RATES: 1930-69

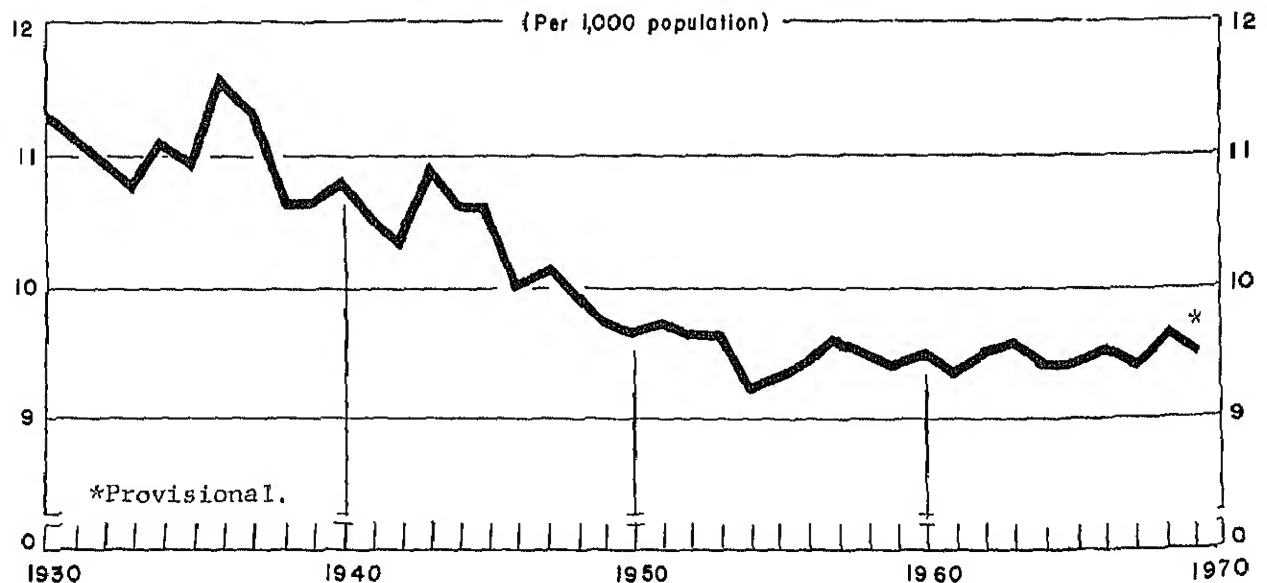


Table 11. Deaths and death rates, by age and sex: 1968

Age	Number			Rate per 1,000 population in age group		
	Total	Male	Female	Total	Male	Female
All ages <sup>1</sup> -----	1,930,082	1,087,220	842,862	9.7	11.1	8.2
Under 1 year-----	76,263	44,026	32,237	22.3	25.2	19.2
1-4 years-----	13,038	7,277	5,761	0.9	0.9	0.8
5-9 years-----	9,075	5,401	3,674	0.4	0.5	0.4
10-14 years-----	8,467	5,451	3,016	0.4	0.5	0.3
15-19 years-----	19,667	14,231	5,436	1.1	1.6	0.6
20-24 years-----	21,473	15,722	5,751	1.4	2.2	0.7
25-29 years-----	18,055	12,469	5,586	1.4	2.0	0.9
30-34 years-----	19,194	12,332	6,862	1.7	2.3	1.2
35-39 years-----	28,574	17,635	10,939	2.5	3.2	1.9
40-44 years-----	46,856	28,915	17,941	3.8	4.9	2.9
45-49 years-----	71,148	44,531	26,617	5.9	7.7	4.3
50-54 years-----	99,614	64,175	35,439	9.2	12.2	6.3
55-59 years-----	136,059	89,119	46,940	14.0	19.1	9.3
60-64 years-----	172,217	112,170	60,047	21.1	29.2	13.9
65-69 years-----	208,481	128,517	79,964	31.4	42.6	22.1
70-74 years-----	245,065	142,419	102,646	47.6	64.5	34.9
75-79 years-----	262,598	138,375	124,223	68.0	86.5	54.9
80-84 years-----	230,532	108,427	122,108	102.9	120.7	90.9
85 years and over-----	243,021	95,621	147,400	196.1	203.9	191.7

<sup>1</sup>Includes deaths for which age was not stated.



The next table shows the number of deaths and death rates for the leading causes of death in 1967 and death rates for these causes in 1900.

Figures for the 2 years show gross changes in mortality, but they are not exactly comparable in many respects. The rates for 1900 are based on deaths in 10 States and the District of Columbia, while the figures for 1967 are for the entire United States. New discoveries in medicine and new diagnostic facilities have produced an improvement in reporting causes of death. Causes of death which were not recognized as disease entities in 1900 are relatively frequent in 1967. The classification of

causes of death is revised every decade to keep abreast of new information.

For 1967 deaths were classified according to the Seventh Revision of the International Lists of Diseases and Causes of Death, and for 1900, according to the First Revision. Also, beginning in 1949, the underlying cause of death indicated by the physician is generally the cause used in statistical tabulation. In earlier years, a fixed set of priorities was used to select the cause of death to be tabulated when more than one cause was reported.

Table 12. Deaths and death rates for the 10 leading causes of death in 1967 and death rates for these same causes in 1900

Rank, 1967	Cause of death and category numbers of the Seventh Revision of the International Lists, 1955	Number of deaths, 1967	Rate per 100,000 population	
			1967	1900
	All causes-----	1,851,323	935.7	1,719
1	Diseases of heart-----400-402,410-443	721,268	364.5	137
2	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues-----140-205	310,983	157.2	64
3	Vascular lesions affecting central nervous system-----330-334	202,184	102.2	106
4	Accidents-----E800-E962	113,169	57.2	72
5	Influenza and pneumonia, except pneumonia of newborn-----480-493	56,892	28.8	202
6	Certain diseases of early infancy <sup>1</sup> -----760-776	48,314	24.4	62
7	General arteriosclerosis-----450	37,564	19.0	--
8	Diabetes mellitus-----260	35,049	17.7	(1
9	Other diseases of circulatory system-----451-468	29,944	15.1	12
10	Other bronchopulmonic diseases-----525-527	29,360	14.8	12

<sup>1</sup>Birth injuries, asphyxia, infections of newborn, ill-defined diseases, -immaturity etc.

<sup>2</sup>Not comparable because of change in classification.

Table 13. Deaths and death rates for the 10 leading causes of death, by sex: 1967

Rank	Cause of death and category numbers' of the Seventh Revision of the International Lists, 1955	Number	Rate per 100,000 population
<u>MALE</u>			
	All causes-----	1,045,945	1,081.7
1	Diseases of heart-----400-402,410-443	415,851	430.1
2	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues-----140-205	169,164	174.9
3	Vascular lesions affecting central nervous system-330-334	93,071	96.3
4	Accidents-----E800-E962	77,879	80.5
5	Influenza and pneumonia, except pneumonia of newborn-----480-493	31,904	33.0
6	Certain diseases of early infancy-----760-776	28,261	29.2
7	Other bronchopulmonic diseases-----525-527	23,556	24.4
8	Cirrhosis of liver-----581	17,930	18.5
9	Other diseases of circulatory system-----451-468	17,632	18.2
10	General arteriosclerosis-----450	16,589	17.2
<u>FEMALE</u>			
	All causes-----	805,378	796.1
1	Diseases of heart-----400-402,410-443	305,417	301.9
2	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues-----140-205	141,819	140.2
3	Vascular lesions affecting central nervous system-330-334	109,113	107.9
4	Accidents-----E800-E962	35,290	34.9
5	Influenza and pneumonia, except pneumonia of newborn-----480-493	24,988	24.7
6	General arteriosclerosis-----450	20,975	20.7
7	Diabetes mellitus-----260	20,628	20.4
8	Certain diseases of early infancy-----760-776	20,053	19.8
9	Other diseases of circulatory system-----451-468	12,312	12.2
10	Cirrhosis of liver-----581	9,886	9.8

Table 14. Deaths and death rates for the 10 leading causes of death in specified age and sex groups: 1967

Rank	Age, sex, cause of death, and category numbers of the Seventh Revision of the International Lists, 1955	Number	Rate per 100,000 population in age group
<u>1-4 years, both sexes</u>			
	All causes-----	13,506	86.3
1	Accidents-----E800-E962	5,074	32.4
2	Congenital malformations-----750-759	1,516	9.7
3	Influenza and pneumonia, except pneumonia of newborn-----480-493	1,443	9.2
4	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues-----140-205	1,283	8.2
5	Meningitis, except meningococcal and tuberculous-----340	311	2.0
6	Gastritis, duodenitis, enteritis, and colitis, except diarrhea of newborn-----543,571,572	295	1.9
7	Bronchitis-----500-502	214	1.4
8	Meningococcal infections-----057	182	1.2
9	Homicide-----E964,E980-E985	174	1.1
10	Diseases of heart-----400-402,410-443	168	1.1
<u>1-4 years, male</u>			
	All causes-----	7,651	95.8
1	Accidents-----E800-E962	3,046	38.1
2	Influenza and pneumonia, except pneumonia of newborn-----480-493	820	10.3
3	Congenital malformations-----750-759	797	10.0
4	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues-----140-205	691	8.6
5	Meningitis, except meningococcal and tuberculous-----340	184	2.3
6	Gastritis, duodenitis, enteritis, and colitis, except diarrhea of newborn-----543,571,572	168	2.1
7	Bronchitis-----500-502	121	1.5
8	Meningococcal infections-----057	107	1.3
9	Diseases of heart-----400-402,410-443	89	1.1
10	Homicide-----E964,E980-E985	86	1.1
<u>1-4 years, female</u>			
	All causes-----	5,855	76.4
1	Accidents-----E800-E962	2,028	26.5
2	Congenital malformations-----750-759	719	9.4
3	Influenza and pneumonia, except pneumonia of newborn-----480-493	623	8.1
4	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues-----140-205	592	7.7
5	Meningitis, except meningococcal and tuberculous-----340	127	1.7
6	Gastritis, duodenitis, enteritis, and colitis, except diarrhea of newborn-----543,571,572	127	1.7
7	Bronchitis-----500-502	93	1.2
8	Homicide-----E964,E980-E985	88	1.1
9	Diseases of heart-----400-402,410-443	79	1.0
10	Meningococcal infections-----057	75	1.0

Table 14. Deaths and death rates for the 10 leading causes of death in specified age and sex groups: 1967—Con.

Rank	Age, sex, cause of death, and category numbers of the Seventh Revision of the International Lists, 1955	Number	Rate per 100,000 population in age group
<u>5-14 years, both sexes</u>			
	All causes-----	16,893	41.4
1	Accidents-----E800-E962	7,874	19.3
2	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues-----140-205	2,711	6.6
3	Congenital malformations-----750-759	977	2.4
4	Influenza and pneumonia, except pneumonia of newborn-----480-493	699	1.7
5	Diseases of heart-----400-402,410-443	341	0.8
6	Homicide-----E964,E980-E985	286	0.7
7	Vascular lesions affecting central nervous system---330-334	252	0.6
8	Benign neoplasms and neoplasms of unspecified nature-----210-239	230	0.6
9	Anemias-----290-293	150	0.4
10	Chronic and unspecified nephritis and other renal sclerosis-----592-594	127	0.3
<u>5-14 years, male</u>			
	All causes-----	10,361	49.9
1	Accidents-----E800-E962	5,498	26.5
2	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues-----140-205	1,546	7.5
3	Congenital malformations-----750-759	505	2.4
4	Influenza and pneumonia, except pneumonia of newborn-----480-493	371	1.8
5	Diseases of heart-----400-402,410-443	179	0.9
6	Homicide-----E964,E980-E985	152	0.7
7	Vascular lesions affecting central nervous system---330-334	135	0.7
8	Benign neoplasms and neoplasms of unspecified nature-----210-239	108	0.5
9	Suicide-----E963,E970-E979	94	0.5
10	Meningitis, except meningococcal and tuberculous-----340	68	0.3
<u>5-14 years, female</u>			
	All causes-----	6,532	32.6
1	Accidents-----E800-E962	2,376	11.8
2	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues-----140-205	1,165	5.8
3	Congenital malformations-----750-759	472	2.4
4	Influenza and pneumonia, except pneumonia of newborn-----480-493	328	1.6
5	Diseases of heart-----400-402,410-443	162	0.8
6	Homicide-----E964,E980-E985	134	0.7
7	Benign neoplasms and neoplasms of unspecified nature-----210-239	122	0.6
8	Vascular lesions affecting central nervous system---330-334	117	0.6
9	Anemias-----290-293	85	0.4
10	Chronic and unspecified nephritis and other renal sclerosis-----592-594	66	0.3

Table 14. Deaths and death rates for the 10 leading causes of death in specified age and sex groups: 1967—Con.

Rank	Age, sex, cause of death, and category numbers of the Seventh Revision of the International Lists, 1955	Number	Rate per 100,000 population in age group
<u>15-24 years, both sexes</u>			
	All causes-----	37,706	116.9
1	Accidents-----E800-E962	21,645	67.1
2	Homicide-----E964,E980-E985	2,923	9.1
3	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues-----140-205	2,663	8.3
4	Suicide-----E963,E970-E979	2,244	7.0
5	Diseases of heart-----400-402,410-443	840	2.6
6	Influenza and pneumonia, except pneumonia of newborn-----480-493	735	2.3
7	Congenital malformations-----750-759	700	2.2
8	Vascular lesions affecting central nervous system---330-334	461	1.4
9	Chronic and unspecified nephritis and other renal sclerosis-----592-594	382	1.2
10	Other diseases of circulatory system-----451-468	363	1.1
<u>15-24 years, male</u>			
	All causes-----	27,185	170.4
1	Accidents-----E800-E962	17,290	108.4
2	Homicide-----E964,E980-E985	2,275	14.3
3	Suicide-----E963,E970-E979	1,671	10.5
4	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues-----140-205	1,604	10.1
5	Diseases of heart-----400-402,410-443	484	3.0
6	Influenza and pneumonia, except pneumonia of newborn-----480-493	435	2.7
7	Congenital malformations-----750-759	418	2.6
8	Chronic and unspecified nephritis and other renal sclerosis-----592-594	218	1.4
9	Vascular lesions affecting central nervous system---330-334	216	1.4
10	Other diseases of circulatory system-----451-468	112	0.7
<u>15-24 years, female</u>			
	All causes-----	10,521	64.5
1	Accidents-----E800-E962	4,355	26.7
2	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues-----140-205	1,059	6.5
3	Homicide-----E964,E980-E985	648	4.0
4	Suicide-----E963,E970-E979	573	3.5
5	Diseases of heart-----400-402,410-443	356	2.2
6	Deliveries and complications of pregnancy, childbirth, and the puerperium-----640-689	347	2.1
7	Influenza and pneumonia, except pneumonia of newborn-----480-493	300	1.8
8	Congenital malformations-----750-759	282	1.7
9	Other diseases of circulatory system-----451-468	251	1.5
10	Vascular lesions affecting central nervous system---330-334	245	1.5

Table 14. Deaths and death rates for the 10 leading causes of death in specified age and sex groups: 1967—Con.

Rank	Age, sex, cause of death, and category numbers of the Seventh Revision of the International Lists, 1955	Number	Rate per 100,000 population in age group
<u>25-44 years, both sexes</u>			
	All causes-----	108,825	233.2
1	Accidents-----E800-E962	23,255	49.8
2	Diseases of heart-----400-402,410-443	19,916	42.7
3	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues-----140-205	18,386	39.4
4	Suicide-----E963,E970-E979	6,780	14.5
5	Homicide-----E964,E980-E985	6,222	13.3
6	Cirrhosis of liver-----581	5,014	10.7
7	Vascular lesions affecting central nervous system---330-334	4,776	10.2
8	Influenza and pneumonia, except pneumonia of newborn-----480-493	2,440	5.2
9	Other diseases of circulatory system-----451-468	1,745	3.7
10	Diabetes mellitus-----260	1,710	3.7
<u>25-44 years, male</u>			
	All causes-----	68,663	301.2
1	Accidents-----E800-E962	18,357	80.5
2	Diseases of heart-----400-402,410-443	14,602	64.0
3	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues-----140-205	8,012	35.1
4	Homicide-----E964,E980-E985	4,868	21.4
5	Suicide-----E963,E970-E979	4,584	20.1
6	Cirrhosis of liver-----581	3,086	13.5
7	Vascular lesions affecting central nervous system---330-334	2,232	9.8
8	Influenza and pneumonia, except pneumonia of newborn-----480-493	1,441	6.3
9	Diabetes mellitus-----260	984	4.3
10	Other diseases of circulatory system-----451-468	715	3.1
<u>25-44 years, female</u>			
	All causes-----	40,162	168.3
1	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues-----140-205	10,374	43.5
2	Diseases of heart-----400-402,410-443	5,314	22.3
3	Accidents-----E800-E962	4,898	20.5
4	Vascular lesions affecting central nervous system---330-334	2,544	10.7
5	Suicide-----E963,E970-E979	2,196	9.2
6	Cirrhosis of liver-----581	1,928	8.1
7	Homicide-----E964,E980-E985	1,354	5.7
8	Other diseases of circulatory system-----451-468	1,030	4.3
9	Influenza and pneumonia, except pneumonia of newborn-----480-493	999	4.2
10	Diabetes mellitus-----260	726	3.0

Table 14. Deaths and death rates for the 10 leading causes of death in specified age and sex groups: 1967—Con.

Rank	Age, sex, cause of death, and category numbers of the Seventh Revision of the International Lists, 1955	Number	Rate per 100,000 population in age group
<u>45-64 years, both sexes</u>			
	All causes-----	459,203	1,143.4
1	Diseases of heart-----400-402,410-443	177,733	442.6
2	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues-----140-205	112,991	281.4
3	Vascular lesions affecting central nervous system---330-334	31,079	77.4
4	Accidents-----E800-E962	23,826	59.3
5	Cirrhosis of liver-----581	15,884	39.6
6	Diabetes mellitus-----260	9,157	22.8
7	Influenza and pneumonia, except pneumonia of newborn-----480-493	8,436	21.0
8	Suicide-----E963,E970-E979	8,347	20.8
9	Other bronchopulmonic diseases-----525-527	8,308	20.7
10	Other diseases of circulatory system-----451-468	7,898	19.7
<u>45-64 years, male</u>			
	All causes-----	297,849	1,542.8
1	Diseases of heart-----400-402,410-443	130,362	675.2
2	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues-----140-205	60,893	315.4
3	Accidents-----E800-E962	17,422	90.2
4	Vascular lesions affecting central nervous system---330-334	16,879	87.4
5	Cirrhosis of liver-----581	10,371	53.7
6	Other bronchopulmonic diseases-----525-527	6,659	34.5
7	Suicide-----E963,E970-E979	5,885	30.5
8	Influenza and pneumonia, except pneumonia of newborn-----480-493	5,653	29.3
9	Other diseases of circulatory system-----451-468	5,204	27.0
10	Diabetes mellitus-----260	4,264	22.1
<u>45-64 years, female</u>			
	All causes-----	161,354	773.8
1	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues-----140-205	52,098	249.8
2	Diseases of heart-----400-402,410-443	47,371	227.2
3	Vascular lesions affecting central nervous system---330-334	14,200	68.1
4	Accidents-----E800-E962	6,404	30.7
5	Cirrhosis of liver-----581	5,513	26.4
6	Diabetes mellitus-----260	4,893	23.5
7	Influenza and pneumonia, except pneumonia of newborn-----480-493	2,783	13.3
8	Other diseases of circulatory system-----451-468	2,694	12.9
9	Suicide-----E963,E970-E979	2,462	11.8
10	Other bronchopulmonic diseases-----525-527	1,649	7.9



Table 14. Deaths and death rates for the 10 leading causes of death in specified age and sex groups: 1967—Con.

Rank	Age, sex, cause of death, and category numbers of the Seventh Revision of the International Lists, 1955	Number	Rate per 100,000 population in age group
	<u>65 years and over, both sexes</u>		
	All causes-----	1,135,575	6,041.3
1	Disease of heart-----400-402,410-443	521,671	2,775.3
2	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues-----140-205	172,713	918.8
3	Vascular lesions affecting central nervous system---330-334	165,370	879.8
4	Influenza and pneumonia, except pneumonia of newborn-----480-493	37,401	199.0
5	General arteriosclerosis-----450	35,735	190.1
6	Accidents-----E800-E962	28,661	152.5
7	Diabetes mellitus-----260	23,827	126.8
8	Other diseases of circulatory system-----451-468	19,810	105.4
9	Other bronchopulmonic diseases-----525-527	18,919	100.6
10	Other hypertensive diseases-----444-447	8,285	44.1
	<u>65 years and over, male</u>		
	All causes-----	588,451	7,263.9
1	Diseases of heart-----400-402,410-443	269,794	3,330.4
2	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues-----140-205	96,295	1,188.7
3	Vascular lesions affecting central nervous system---330-334	73,474	907.0
4	Influenza and pneumonia, excluding pneumonia of newborn-----480-493	19,927	246.0
5	Other bronchopulmonic diseases-----525-527	15,676	193.5
6	General arteriosclerosis-----450	15,467	190.9
7	Accidents-----E800-E962	14,646	180.8
8	Other diseases of circulatory system-----451-468	11,532	142.4
9	Diabetes mellitus-----260	9,028	111.4
10	Cirrhosis of liver-----581	4,372	54.0
	<u>65 years and over, female</u>		
	All causes-----	547,124	5,115.7
1	Diseases of heart-----400-402,410-443	251,877	2,355.1
2	Vascular lesions affecting central nervous system---330-334	91,896	859.2
3	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues-----140-205	76,418	714.5
4	General arteriosclerosis-----450	20,268	189.5
5	Influenza and pneumonia, including pneumonia of newborn-----480-493	17,474	163.4
6	Diabetes mellitus-----260	14,799	138.4
7	Accidents-----E800-E962	14,015	131.0
8	Other diseases of circulatory system-----451-468	8,278	77.4
9	Other hypertensive diseases-----444-447	4,342	40.6
10	Hernia and intestinal obstruction-----560,561,570	3,861	36.1

Table 15. Deaths and death rates for diseases of heart (400-402, 410-443), by age and sex: 1950 and 1967

[Numbers after cause of death are category numbers of the Seventh Revision of the International Lists, 1955]

Year and age	Number			Rate per 100,000 population in age group		
	Both sexes	Male	Female	Both sexes	Male	Female
<u>1950</u>						
All ages-----	537,629	317,824	219,805	356.8	424.7	289.7
Under 1 year-----	128	76	52	4.1	4.7	3.4
1-4 years-----	211	110	101	1.6	1.7	1.6
5-14 years-----	953	434	519	3.9	3.5	4.3
15-24 years-----	1,822	906	916	8.2	8.3	8.2
25-34 years-----	4,977	2,832	2,145	20.9	24.4	17.6
35-44 years-----	18,949	12,752	6,197	88.3	120.4	57.0
45-54 years-----	53,628	38,185	15,443	309.2	441.2	177.8
55-64 years-----	107,534	73,706	33,828	804.3	1,100.5	507.0
65-74 years-----	154,890	92,957	61,933	1,857.2	2,310.2	1,434.9
75-84 years-----	141,303	72,713	68,590	4,311.0	4,825.8	3,873.0
85 years and over-----	52,801	22,881	29,920	9,152.5	9,661.4	8,798.1
Age not stated-----	433	272	161	...	...	...
<u>1967</u>						
All ages-----	721,268	415,851	305,417	364.5	430.1	301.9
Under 1 year-----	405	234	171	11.4	13.0	9.9
1-4 years-----	168	89	79	1.1	1.1	1.0
5-14 years-----	341	179	162	0.8	0.9	0.8
15-24 years-----	840	484	356	2.6	3.0	2.2
25-34 years-----	2,833	1,817	1,016	12.4	16.2	8.7
35-44 years-----	17,083	12,785	4,298	71.7	110.2	35.1
45-54 years-----	56,936	43,552	13,384	252.1	398.2	114.9
55-64 years-----	120,797	86,810	33,987	687.4	1,037.2	369.4
65-74 years-----	194,969	118,832	76,137	1,669.5	2,287.9	1,174.2
75-84 years-----	218,219	108,497	109,722	3,670.6	4,408.7	3,149.3
85 years and over-----	108,483	42,465	66,018	9,240.5	9,521.3	9,080.9
Age not stated-----	194	107	87	...	...	...

Table 16. Deaths and death rates for malignant neoplasms, including lymphatic and hem-  
atopoietic tissues (140-205), by age and sex: 1950 and 1967

[Numbers after cause of death are category numbers of the Seventh Revision of the International Lists, 1955]

Year and age	Number			Rate per 100,000 popula- tion in age group		
	Both sexes	Male	Female	Both sexes	Male	Female
<u>1950</u>						
All ages-----	210,733	106,971	103,762	139.8	142.9	136.8
Under 1 year-----	274	156	118	8.7	9.7	7.6
1-4 years-----	1,521	831	690	11.7	12.5	10.8
5-14 years-----	1,635	916	719	6.7	7.4	6.0
15-24 years-----	1,907	1,054	853	8.6	9.7	7.6
25-34 years-----	4,763	2,057	2,706	20.0	17.7	22.2
35-44 years-----	13,440	4,831	8,609	62.7	45.6	79.3
45-54 years-----	30,372	13,515	16,857	175.1	156.2	194.0
55-64 years-----	52,232	27,665	24,567	390.7	413.1	368.2
65-74 years-----	58,277	31,849	26,428	698.8	791.5	612.3
75-84 years-----	37,802	20,079	17,723	1,153.3	1,332.6	1,000.7
85 years and over-----	8,371	3,951	4,420	1,451.0	1,668.3	1,299.7
Age not stated-----	139	67	72	...	...	...
<u>1967</u>						
All ages-----	310,983	169,164	141,819	157.2	174.9	140.2
Under 1 year-----	196	106	90	5.5	5.9	5.2
1-4 years-----	1,283	691	592	8.2	8.6	7.7
5-14 years-----	2,711	1,546	1,165	6.6	7.5	5.8
15-24 years-----	2,663	1,604	1,059	8.3	10.1	6.5
25-34 years-----	4,002	1,941	2,061	17.5	17.3	17.7
35-44 years-----	14,384	6,071	8,313	60.3	52.3	67.9
45-54 years-----	40,527	19,572	20,955	179.4	179.0	179.8
55-64 years-----	72,464	41,321	31,143	412.4	493.7	338.5
65-74 years-----	89,786	52,266	37,520	768.8	1,006.3	578.7
75-84 years-----	65,518	35,854	29,664	1,102.1	1,456.9	851.4
85 years and over-----	17,409	8,175	9,234	1,482.9	1,833.0	1,270.2
Age not stated-----	40	17	23	...	...	...

Table 17. Deaths and death rates for malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-205): Selected years, 1950-67

Cause of death and category numbers of the Seventh Revision of the International Lists, 1955	1950	1955	1960	1965	1967
<b>All malignant neoplasms (140-205):</b>					
Number-----	210,733	240,681	267,627	297,588	310,983
Rate per 100,000 population-----	139.8	146.5	149.2	153.5	157.2
<u>Malignant neoplasms, by site</u>					
<b>Buccal cavity and pharynx (140-148):</b>					
Number-----	5,138	5,522	6,175	6,501	6,718
Rate per 100,000 population-----	3.4	3.4	3.4	3.4	3.4
<b>Digestive organs and peritoneum, not specified as secondary (150-156A,157-159):</b>					
Number-----	81,726	85,872	91,035	94,305	95,320
Rate per 100,000 population-----	54.2	52.3	50.8	48.7	48.2
<b>Respiratory system, not specified as secondary (160-164):</b>					
Number-----	21,219	29,914	39,730	52,039	58,086
Rate per 100,000 population-----	14.1	18.2	22.2	26.8	29.4
<b>Breast (170):</b>					
Number-----	18,973	21,945	23,970	27,048	28,217
Rate per 100,000 population-----	12.6	13.4	13.4	14.0	14.3
<b>Genital organs (171-179):</b>					
Number-----	34,742	37,509	38,669	40,454	40,408
Rate per 100,000 population-----	23.1	22.8	21.6	20.9	20.4
<b>Urinary organs (180-181):</b>					
Number-----	10,044	11,502	12,804	13,901	14,656
Rate per 100,000 population-----	6.7	7.0	7.1	7.2	7.4
<b>Other and unspecified sites (residual):</b>					
Number-----	22,135	26,958	29,561	34,644	36,761
Rate per 100,000 population-----	14.7	16.4	16.5	17.9	18.6
<u>Neoplasms of lymphatic and hematopoietic tissues</u>					
<b>Leukemia and aleukemia (204):</b>					
Number-----	8,845	10,816	12,725	13,628	14,336
Rate per 100,000 population-----	5.9	6.6	7.1	7.0	7.2
<b>Lymphosarcoma, etc. (200-203,205):</b>					
Number-----	7,911	10,643	12,958	15,068	16,481
Rate per 100,000 population-----	5.2	6.5	7.2	7.8	8.3

Table 18. Death rates for malignant neoplasm of bronchus and trachea, and of lung specified as primary (162); malignant neoplasm of lung, unspecified as to whether primary or secondary (163): 1950-67

[Rates per 100,000 population in specified group. Numbers after cause of death are category numbers of the Seventh Revision of the International List, 1955]

Year	Total		White				All other			
			Male		Female		Male		Female	
	162	163	162	163	162	163	162	163	162	163
1950-----	5.1	7.1	8.9	11.9	1.6	3.1	5.7	6.5	1.2	1.6
1951-----	5.5	7.4	9.9	12.4	1.6	3.1	6.7	7.1	1.1	2.0
1952-----	6.2	7.6	11.3	12.9	1.8	3.2	7.6	7.4	1.3	1.9
1953-----	6.7	8.2	12.2	14.1	1.7	3.1	8.4	8.6	1.5	1.9
1954-----	6.9	8.5	12.4	14.9	1.9	3.0	9.2	8.4	1.5	1.7
1955-----	7.6	8.7	13.9	15.3	2.0	3.1	9.6	8.7	1.6	2.2
1956-----	8.4	9.1	15.3	15.9	2.1	3.2	11.2	9.6	1.6	2.0
1957-----	8.6	9.5	15.7	16.7	2.2	3.2	11.7	10.5	1.5	2.2
1958-----	9.1	9.5	16.7	16.7	2.3	3.3	12.4	10.3	1.6	2.5
1959-----	9.7	9.7	17.8	17.1	2.4	3.2	12.9	11.6	2.1	2.4
1960-----	10.2	10.1	18.8	17.6	2.5	3.4	14.6	12.9	1.6	2.7
1961-----	10.6	10.6	19.4	18.6	2.8	3.6	14.8	12.9	1.8	2.6
1962 <sup>1</sup> -----	10.1	12.1	18.5	20.9	2.6	4.0	13.7	15.0	1.6	3.1
1963 <sup>1</sup> -----	10.1	13.0	18.2	22.4	2.7	4.4	14.8	17.0	1.9	3.4
1964-----	10.3	13.6	18.9	23.9	2.7	4.7	14.4	17.0	2.1	3.2
1965-----	10.5	14.5	19.0	25.3	2.9	5.0	14.4	18.6	2.0	3.7
1966-----	10.7	15.6	19.1	27.0	3.1	5.5	16.1	21.1	2.2	4.1
1967-----	10.9	16.6	19.4	28.8	3.3	6.0	15.6	22.6	2.2	4.3

<sup>1</sup>Rates by color exclude New Jersey.

Table 19. Death rates for homicide (E964,E980-E985): 1935-67

[Rates per 100,000 population in specified group. Numbers after cause of death are category numbers of the Seventh Revision of the International Lists, 1955]

Year	Total	White		All other	
		Male	Female	Male	Female
1935-----	8.5	7.7	2.0	67.2	14.0
1940-----	6.3	5.0	1.4	55.5	13.0
1945-----	5.7	4.9	1.3	48.0	10.7
1950-----	5.3	3.9	1.4	45.5	11.2
1955-----	4.5	3.4	1.2	36.9	9.5
1960-----	4.7	3.6	1.4	34.5	9.9
1961-----	4.7	3.6	1.5	33.6	8.9
1962 <sup>1</sup> -----	4.8	3.8	1.6	35.5	8.9
1963 <sup>1</sup> -----	4.9	3.9	1.5	35.7	9.1
1964-----	5.1	3.9	1.6	37.4	9.2
1965-----	5.5	4.4	1.6	40.1	10.0
1966-----	5.9	4.5	1.8	43.5	10.6
1967-----	6.8	5.3	1.9	49.6	11.9

<sup>1</sup>Rates by color exclude New Jersey.

Table 20. Death rates for suicide (E963,E970-E979): 1935-67

[Rates per 100,000 population in specified group. Numbers after cause of death are category numbers of the Seventh Revision of the International Lists, 1955]

Year	Total	White		All other	
		Male	Female	Male	Female
1935-----	14.3	23.3	7.2	7.4	2.7
1940-----	14.4	23.5	7.3	7.2	2.1
1945-----	11.2	18.5	6.3	5.7	1.5
1950-----	11.4	19.0	5.5	7.0	1.7
1955-----	10.2	17.2	4.9	6.1	1.5
1960-----	10.6	17.6	5.3	7.2	2.0
1961-----	10.4	17.1	5.3	7.6	1.9
1962 <sup>1</sup> -----	10.9	17.8	5.9	7.2	2.2
1963 <sup>1</sup> -----	11.0	17.8	6.3	7.9	2.2
1964-----	10.8	17.2	6.1	7.2	2.2
1965-----	11.1	17.4	6.6	7.7	2.5
1966-----	10.9	17.2	6.3	7.8	2.4
1967-----	10.8	16.8	6.5	7.6	2.7

<sup>1</sup>Rates by color exclude New Jersey.

Table 21. Death rates per 100,000 population for specified chronic diseases of respiratory system: 1950, 1960, and 1967

Cause of death and category numbers of the Seventh Revision of the International Lists, 1955	1950	1960	1967
Bronchitis-----500-502	2.0	2.4	3.2
Acute bronchitis-----500	0.7	0.7	0.5
Bronchitis, unqualified-----501	0.5	0.5	0.4
Chronic bronchitis-----502	0.8	1.3	2.3
Bronchitis with emphysema-----502.0	0.2	0.8	1.8
Other-----502.1	0.6	0.5	0.5
Pneumoconiosis-----523	0.9	0.9	0.8
Other chronic interstitial pneumonia-----525	0.7	2.2	2.1
Bronchiectasis-----526	1.4	1.3	0.7
Other diseases of lung and pleural cavity-----527	1.2	6.0	12.0
Pulmonary collapse (1 year and over)-----527.0	0.1	0.1	0.1
Emphysema without mention of bronchitis-----527.1	0.8	5.2	10.6
Other-----527.2	0.3	0.8	1.3



Table 22. Deaths and death rates for accidents by external cause of injury: 1950 and 1967

Cause of death and category numbers of the Seventh Revision of the International Lists, 1955	Number		Rate per 100,000 population	
	1950	1967	1950	1967
All accidents-----E800-E962	91,249	113,169	60.6	57.2
Motor vehicle accidents-----E810-E835	34,763	52,924	23.1	26.7
Other accidents-----E800-E802,E840-E962	56,486	60,245	37.5	30.4
Other accidents in order of frequency in 1967				
Accidental falls-----E900-E904	20,783	20,120	13.8	10.2
Accident caused by fire and explosion of combustible material-----E916	6,405	7,423	4.3	3.8
Accidental drowning-----E929	4,785	5,724	3.2	2.9
Accident caused by firearm-----E919	2,174	2,896	1.4	1.5
Accidental poisoning by solid and liquid substances-----E870-E888	1,584	2,506	1.1	1.3
Accident caused by machinery-----E912	1,771	2,055	1.2	1.0
Inhalation and ingestion of food or other object causing obstruction or suffocation-----E921,E922	1,350	1,980	0.9	1.0
Aircraft accidents-----E860-E866	1,436	1,799	1.0	0.9
Accidental poisoning by gases and vapors-----E890-E895	1,769	1,574	1.2	0.8
Water transport accidents-----E850-E858	1,502	1,545	1.0	0.8
Complications due to nontherapeutic medical and surgical procedures, etc.-----E940-E959	589	1,530	0.4	0.8
Blow from falling or projected object or missile-----E910	1,613	1,435	1.1	0.7
Railway accidents-----E800-E802	2,126	997	1.4	0.5
Accident caused by electric current--E914	955	992	0.6	0.5
Accidental mechanical suffocation in bed or cradle-----E924	1,360	562	0.9	0.3
All other accidents-----Residual	6,284	7,107	4.2	3.6

Table 23. Average remaining lifetime in years at specified ages: 1900-1902 to 1968

[For 1900-1902, data are for 10 States and the District of Columbia; for 1919-21, for 34 States and the District of Columbia. Beginning with 1939-41, data are for the United States]

Age	1900-1902	1919-21	1939-41	1949-51	1959-61	1968
0-----	49.24	56.40	63.62	68.07	69.9	70.2
1-----	55.20	59.94	65.76	69.16	70.8	70.7
5-----	54.98	57.99	62.49	65.54	67.0	67.0
10-----	51.14	53.79	57.82	60.74	62.2	62.1
15-----	46.81	49.37	53.10	55.91	57.3	57.2
20-----	42.79	45.30	48.54	51.20	52.6	52.5
25-----	39.12	41.47	44.09	46.56	47.9	47.9
30-----	35.51	37.68	39.67	41.91	43.2	43.2
35-----	31.92	33.89	35.30	37.31	38.5	38.6
40-----	28.34	30.08	31.03	32.81	33.9	34.0
45-----	24.77	26.25	26.90	28.49	29.5	29.6
50-----	21.26	22.50	22.98	24.40	25.3	25.4
55-----	17.88	18.90	19.31	20.57	21.4	21.5
60-----	14.76	15.54	15.91	17.04	17.7	17.9
65-----	11.86	12.47	12.80	13.83	14.4	14.6
70-----	9.30	9.74	10.00	10.92	11.4	11.7
75-----	7.08	7.49	7.62	8.40	8.7	9.1
80-----	5.30	---	5.73	6.34	6.4	6.8
85-----	3.96	---	4.31	4.69	4.6	4.8

Table 24. Average remaining lifetime in years at specified ages, by color, and sex:  
1900-1902, 1959-61, and 1968

[For 1900-1902, data are for 10 States and the District of Columbia; for 1959-61 and 1968 data are for the United States]

Age	1900-1902 <sup>1</sup>	1959-61	1968	1900-1902 <sup>1</sup>	1959-61	1968
	White male			White female		
0-----	48.23	67.55	67.5	51.08	74.19	74.9
1-----	54.61	68.34	68.0	56.39	74.68	75.1
5-----	54.43	64.61	64.3	56.03	70.92	71.3
10-----	50.59	59.78	59.4	52.15	66.05	66.4
15-----	46.25	54.93	54.6	47.79	61.15	61.5
20-----	42.19	50.25	49.9	43.77	56.29	56.7
25-----	38.52	45.65	45.4	40.05	51.45	51.9
30-----	34.88	40.97	40.8	36.42	46.63	47.1
35-----	31.29	36.31	36.1	32.82	41.84	42.3
40-----	27.74	31.73	31.6	29.17	37.13	37.6
45-----	24.21	27.34	27.2	25.51	32.53	33.0
50-----	20.76	23.22	23.0	21.89	28.08	28.6
55-----	17.42	19.45	19.2	18.43	23.81	24.3
60-----	14.35	16.01	15.8	15.23	19.69	20.2
65-----	11.51	12.97	12.8	12.23	15.88	16.4
70-----	9.03	10.29	10.2	9.59	12.38	12.9
75-----	6.84	7.92	8.1	7.33	9.28	9.8
80-----	5.10	5.89	6.2	5.50	6.67	7.0
85-----	3.81	4.34	4.5	4.10	4.66	4.8
	All other male			All other female		
0-----	32.54	61.48	60.1	35.04	66.47	67.5
1-----	42.46	63.50	61.4	43.54	68.10	68.7
5-----	45.06	59.98	57.8	46.04	64.54	65.0
10-----	41.90	55.19	53.0	43.02	59.72	60.2
15-----	38.26	50.39	48.2	39.79	54.85	55.3
20-----	35.11	45.78	43.6	36.89	50.07	50.5
25-----	32.21	41.38	39.4	33.90	45.40	45.9
30-----	29.25	37.05	35.3	30.70	40.83	41.3
35-----	26.16	32.81	31.2	27.52	36.41	36.9
40-----	23.12	28.72	27.4	24.37	32.16	32.7
45-----	20.09	24.89	23.7	21.36	28.14	28.6
50-----	17.34	21.28	20.3	18.67	24.31	24.8
55-----	14.69	18.11	17.2	15.88	20.89	21.2
60-----	12.62	15.29	14.5	13.60	17.83	17.9
65-----	10.38	12.84	12.1	11.38	15.12	15.1
70-----	8.33	10.81	10.5	9.62	12.46	13.2
75-----	6.60	8.93	9.9	7.90	10.10	11.5
80-----	5.12	6.87	8.7	6.48	7.66	9.3
85-----	4.04	5.08	7.4	5.10	5.44	7.3

<sup>1</sup>Figures for the all other groups cover only Negroes. However, the Negro population comprised 95 percent of the corresponding all other population.

Table 25. Communicable diseases—reported cases and registered deaths: 1960-67

[Numbers after diseases are category numbers of the Seventh Revision of the International Lists, 1955. Since frequencies are for calendar years, not all deaths necessarily resulted from the cases listed]

Disease	1960	1961	1962	1963	1964	1965	1966	1967
Amebiasis (046):								
Cases-----	3,424	2,850	3,048	2,886	3,304	2,768	2,921	3,157
Deaths-----	88	84	86	92	65	66	54	65
Anthrax (062):								
Cases-----	23	14	9	3	5	7	5	2
Deaths-----	-	1	-	-	1	-	-	-
Botulism (049.1):								
Cases-----	12	14	10	47	23	19	9	5
Deaths-----	12	10	11	14	8	8	-	2
Brucellosis (undulant fever) (044):								
Cases-----	751	636	409	407	411	262	262	265
Deaths-----	6	11	12	5	4	6	3	4
Diphtheria (055):								
Cases-----	918	617	444	314	293	164	209	219
Deaths-----	69	68	41	45	42	18	20	32
Dysentery, bacillary (045):								
Cases-----	12,487	12,571	12,443	13,009	12,984	11,027	11,888	13,474
Deaths-----	153	128	134	134	125	99	86	62
Encephalitis, acute infectious (082):								
Cases-----	2,341	2,248	2,094	1,993	2,002	1,722	2,121	1,478
Deaths-----	528	505	582	532	534	500	579	419
Hepatitis <sup>1</sup> :								
Cases-----	41,666	72,651	53,016	42,974	37,740	33,856	34,356	41,367
Deaths-----	938	976	911	852	745	707	757	844
Leprosy (060):								
Cases-----	54	63	80	103	97	96	109	81
Deaths-----	6	8	8	3	5	3	6	4
Malaria (110-117):								
Cases-----	72	73	118	99	93	147	565	2,022
Deaths-----	4	3	12	7	3	8	5	4
Measles (085):								
Cases-----	441,703	423,919	481,530	385,156	458,083	261,904	204,136	62,705
Deaths-----	380	434	408	364	421	276	261	81
Meningococcal infections (057):								
Cases-----	2,259	2,232	2,150	2,470	2,826	3,040	3,381	2,161
Deaths-----	644	586	649	733	750	890	876	635
Plague (058):								
Cases-----	2	3	-	1	-	8	-	-
Deaths-----	-	2	-	1	-	1	1	1
Poliomyelitis (080):								
Cases-----	3,190	1,312	910	449	122	72	113	41
Paralytic-----	2,525	988	762	396	106	61	106	40
Deaths-----	230	90	60	41	17	16	9	16
Psittacosis (096.2):								
Cases-----	113	102	79	76	53	60	50	41
Deaths-----	-	-	1	1	-	-	1	1
Rabies in man <sup>2</sup> (094):								
Cases-----	2	3	2	1	1	2	1	2
Deaths-----	2	3	1	2	1	2	2	2

<sup>1</sup>Cases include both infectious and serum hepatitis; deaths are for infectious hepatitis (092) only.

<sup>2</sup>Figures for cases of rabies in man represent registered deaths, 1961.

Table 25. Communicable diseases—reported cases and registered deaths: 1960-67—Con.

[Numbers after diseases are category numbers of the Seventh Revision of the International Lists, 1955. Since frequencies are for calendar years, not all deaths necessarily resulted from the cases tallied]

Disease	1960	1961	1962	1963	1964	1965	1966	1967
Rocky Mountain spotted fever (104):								
Cases-----	204	219	240	216	277	281	268	305
Deaths-----	11	11	12	16	17	16	21	28
Salmonella infections, excl. typhoid fever (041,042):								
Cases-----	6,929	8,542	9,680	15,390	17,144	17,161	16,841	18,120
Deaths-----	82	64	62	72	67	87	73	63
Streptococcal sore throat, etc. (050,051):								
Cases-----	315,173	338,410	315,809	342,161	402,334	395,168	427,752	453,351
Deaths-----	108	130	102	102	95	63	65	47
Smallpox (084):								
Cases-----	-	-	-	-	-	-	-	-
Deaths-----	-	-	-	-	-	-	-	-
Tetanus (061):								
Cases-----	368	379	322	325	289	300	235	263
Deaths-----	231	242	215	210	179	181	158	144
Trichinosis (128):								
Cases-----	160	306	194	208	198	199	115	66
Deaths-----	3	7	1	5	1	3	3	2
Tuberculosis, all forms (001-019):								
Cases <sup>3</sup> -----	55,494	53,727	53,788	54,062	50,874	49,016	47,767	45,441
Deaths-----	10,866	9,938	9,506	9,311	8,303	7,934	7,625	6,901
Tularemia (059):								
Cases-----	390	365	328	327	342	264	208	184
Deaths-----	3	3	1	3	6	2	2	3
Typhoid fever (040):								
Cases-----	816	814	608	566	501	454	378	396
Deaths-----	21	17	15	21	14	6	15	12
Typhus fever, endemic (101):								
Cases-----	68	46	32	35	30	28	33	52
Deaths-----	-	-	-	-	-	-	-	-
Whooping cough (056):								
Cases-----	14,809	11,468	17,749	17,135	13,005	6,799	7,717	9,718
Deaths-----	118	76	83	115	93	55	49	37
<u>Venereal diseases</u>								
Gonorrhea (030-035):								
Cases-----	258,933	264,158	263,708	278,289	300,667	324,925	351,738	404,836
Deaths-----	38	19	23	23	13	9	18	11
Syphilis (020-029):								
Cases <sup>4</sup> -----	122,003	124,658	126,245	124,137	114,314	112,842	105,159	102,581
Deaths-----	2,945	2,850	2,811	2,666	2,619	2,434	2,193	2,381

<sup>3</sup>Newly reported active cases.

<sup>4</sup>Newly reported cases.

Source: Reported cases of Communicable diseases came from the Center for Disease Control, HSMHA, Atlanta, Ga.

The Division of Health Interview Statistics obtains data on a wide variety of health topics. These data are reported from household interviews conducted during each year in 42,000 households consisting of about 134,000 persons. Data in tables 26 and 27 are based on interviews during 1968, while data in table 28 are annual averages

based on data collected during the period July 1965-June 1967. The data refer to the civilian, noninstitutional population of the United States. During July 1965-June 1967 this population averaged 191,537,000 persons of whom 42,875,000 were 6-16 years of age and 124,616,000 were 17 years or older. In 1968 this population averaged

Table 26. Selected health statistics: 1968

Health topic	Estimated national annual frequency
Number of acute conditions: <sup>1</sup>	
Infective and parasitic diseases-----	41,592,000
Common cold-----	93,683,000
Other acute respiratory conditions-----	144,792,000
Acute digestive conditions-----	19,390,000
Injuries-----	51,620,000
All other acute conditions-----	48,017,000
Number of days of disability: <sup>2</sup>	
Restricted-activity days-----	2,996,059,000
Bed days-----	1,223,240,000
School-loss days (ages 6-16 years)-----	219,229,000
Work-loss days (reported for currently employed persons 17 years and over)-----	412,619,000
Number of persons with limited activity due to chronic disease or impairment:	
With any degree of limitation of activity-----	21,329,000
With limitations in major activity <sup>3</sup> -----	17,899,000
Medical and dental care:	
Number of physician visits-----	815,324,000
Home visits-----	21,079,000
Office visits-----	586,388,000
Other visits or consultations-----	207,857,000
Number of dental visits <sup>4</sup> -----	259,990,000
Number of persons injured: <sup>5</sup>	
In moving motor vehicle accidents-----	3,414,000
In work accidents-----	9,287,000
In home accidents-----	20,475,000
In all other accidents-----	17,381,000

<sup>1</sup>The frequencies include only acute conditions for which a doctor was consulted or which caused the person to restrict his normal daily activities for at least 1 day.

<sup>2</sup>The figures are not mutually exclusive. A work- or school-loss day may also be a bed day. Work-loss days, school-loss days, and bed days are included in restricted-activity days.

<sup>3</sup>Major activity refers to ability to work, keep house, or engage in school or pre-school activities.

<sup>4</sup>This figure is a correction of data shown in estimated annual volume of dental visits in the United States, 1968. Monthly Vital Statistic Report, Vol. 18, No. 9, Supplement 2, December 18, 1969.

<sup>5</sup>The frequencies include only persons whose injuries required medical attention or resulted in at least 1 day of activity restriction. The classes of accidents are not mutually exclusive, e.g., a person injured in a moving motor vehicle while at work is classified in both categories.

195,392,000 persons of whom 44,308,000 were 6-16 years of age and 128,386,000 were 17 years or older.

In general, the items listed follow commonly accepted definitions. Technical uses of the data

and more detailed information about the topics are given in the report entitled "Health Survey Procedure" (*Vital and Health Statistics*, PHS Pub. No. 1,000, Series 1, No. 2).

Table 27. Leading causes of bed disability among acute conditions: 1968

Type of condition	Days of bed disability	
	Number in thousands	Percent
All acute conditions-----	749,517	100.0
Influenza-----	275,968	36.8
Common cold and other acute upper respiratory conditions----	139,116	18.6
Common childhood diseases, "virus," and other infective and parasitic diseases-----	83,365	11.1
Fractures, dislocations, sprains, and strains-----	49,171	6.6
Pneumonia, bronchitis, and other acute lower respiratory conditions-----	31,303	4.2
Open wounds, lacerations, contusions, and superficial injuries-----	23,413	3.1
Acute conditions of the digestive system-----	41,462	5.5
Deliveries and disorders of pregnancy and the puerperium----	22,784	3.0
Genitourinary disorders-----	15,624	2.1
Diseases of the ear-----	10,547	1.4
All other acute conditions-----	56,764	7.6



The Division of Health Interview Statistics obtains data on chronic conditions reported to have caused or contributed to limitation of activities. The estimates shown below include conditions limiting major activities such as working, keeping house, and going to school as well as those causing lesser limitation not related to major activity. Excluded are conditions causing limitation among

persons in resident institutions, sanitariums, chronic disease hospitals, nursing homes, and homes for the aged.

Additional data about conditions causing limitation of activities are shown in "Chronic Conditions Causing Activity Limitation" (*Vital and Health Statistics*, PHS Pub. No. 1,000, Series 10, No. 51).

Table 28. Selected chronic conditions causing limitation of activities: July 1965 - June 1967

Condition causing limitation of activities	Estimated Number of cases
Tuberculosis, all forms-----	162,000
Malignant neoplasms-----	276,000
Benign and unspecified neoplasms-----	220,000
Asthma-hay fever-----	1,065,000
Diabetes-----	562,000
Mental and nervous conditions-----	1,711,000
Heart conditions-----	3,600,000
Hypertension without heart involvement-----	1,187,000
Varicose veins-----	435,000
Hemorrhoids-----	261,000
Other conditions of circulatory system-----	691,000
Chronic sinusitis and bronchitis-----	660,000
Other conditions of respiratory system-----	595,000
Peptic ulcer-----	452,000
Hernia-----	521,000
Other conditions of digestive system-----	716,000
Conditions of genitourinary system-----	894,000
Arthritis and rheumatism-----	3,248,000
Other diseases of muscles, bones, and joints-----	781,000
Visual impairments-----	1,222,000
Hearing impairments-----	403,000
Paralysis, complete or partial-----	925,000
Impairments (except paralysis) of back or spine-----	1,796,000
Impairments (except paralysis and absence) of upper extremities and shoulders-----	410,000
Impairments (except paralysis and absence) of lower extremities and hips-----	1,351,000

**Table 29. ESTIMATED PERSONS EMPLOYED IN SELECTED OCCUPATIONS WITHIN EACH  
HEALTH FIELD: 1968**

Health field and occupation	Workers
Total <sup>1</sup> .....	3,639,650 to 3,706,350
Administration of health services.....	39,000 to 45,000
Administrator, program representative, management officer.....	39,000 to 45,000
Anthropology and sociology.....	1,400
Anthropologist—cultural and physical.....	600
Sociologist—medical.....	800
Automatic data processing in the health field.....	700 to 1,000
Systems analyst.....	700 to 1,000
Basic sciences in the health field.....	51,200
Research scientist (other than physician, dentist, veterinarian).....	51,200
Biomedical engineering.....	9,000
Biomedical engineer.....	<sup>2</sup> 3,000
Biomedical engineering technician.....	<sup>2</sup> 6,000
Chiropractic and naturopathy.....	16,000 to 18,000
Chiropractor, naturopath, other drugless healer.....	16,000 to 18,000
Clinical laboratory services.....	108,000
Clinical laboratory scientist.....	4,000
Clinical (medical) laboratory technologist <sup>3</sup> .....	48,000
Clinical laboratory technician and assistant.....	61,000
Dentistry and allied services.....	237,000
Dentist.....	<sup>4,5</sup> 100,000
Dental hygienist.....	<sup>3</sup> 15,000
Dental assistant.....	<sup>3</sup> 95,000
Dental laboratory technician.....	<sup>2</sup> 27,000
Dietetic and nutritional services.....	36,000
Dietitian and nutritionist.....	<sup>6</sup> 30,000
Dietary technician, food service supervisor.....	<sup>6</sup> 6,000
Economic research in the health field.....	500 to 600
Economist—health.....	<sup>1</sup> 500 to 600
Environmental control.....	217,500
Environmental engineer.....	13,500
Scientist.....	11,000
Sanitarian.....	<sup>7</sup> 12,000
Industrial hygienist.....	1,600
Other environmental protection program specialists.....	16,400
Technicians and aides.....	163,000
Food and drug protective services.....	23,400
Food technologist.....	22,000
Food and drug analyst and inspector.....	1,400

See footnotes at end of table.

Table 29 ESTIMATED PERSONS EMPLOYED IN SELECTED OCCUPATIONS WITHIN EACH  
HEALTH FIELD: 1968—Continued

Health field and occupation	Workers
Health and vital statistics.....	1,500
Health statistician, vital-record registrar, demographer.....	1,500
Health education.....	20,000 to 21,000
Public health educator.....	2,000 to 3,000
School health educator, coordinator.....	18,000
Health information and communication.....	4,500 to 5,600
Health information specialist and science writer.....	2,000 to 3,000
Health technical writer.....	* 2,000
Medical illustrator.....	500 to 600
Library services in the health field.....	9,000
Medical librarian.....	* 3,000
Medical library technician and clerk.....	6,000
Medical records.....	38,500
Medical record librarian.....	12,500
Medical record technician.....	26,000
Medicine and osteopathy.....	313,000
Physician (M.D.).....	4.3 301,500
Physician (D.O.).....	4.5 11,500
Midwifery.....	4,400
Lay midwife.....	4,400
Nursing and related services.....	1,825,000
Registered nurse.....	680,000
Practical nurse.....	345,000
Nursing aide, orderly, attendant.....	786,000
Home health aide.....	14,000
Occupational therapy.....	11,200 to 12,200
Occupational therapist.....	6,700
Occupational therapy technician, assistant.....	* 4,500 to 5,500
Optometry, opticianry, and ocular services.....	53,450
Optometrist.....	18,000
Dispensing optician.....	10,000
Optical technician.....	* 16,000
Ophthalmic assistant.....	10,000
Orthoptist.....	450
Orthotic and prosthetic technology.....	3,600
Orthotist and prosthetist.....	3,600
Pharmacy.....	130,100
Pharmacist.....	124,500
Pharmacy aide.....	* 5,600

See footnotes at end of table.

Table 29. ESTIMATED PERSONS EMPLOYED IN SELECTED OCCUPATIONS WITHIN EACH HEALTH FIELD: 1968—Continued

Health field and occupation	Workers
Physical therapy.....	19,500 to 21,500
Physical therapist.....	13,500
Physical therapy technician, assistant.....	<sup>2</sup> 6,000 to 8,000
Podiatry.....	8,000
Podiatrist.....	8,000
Psychology.....	12,000
Psychologist—clinical, counseling, and other health.....	12,000
Radiologic technology.....	75,000 to 100,000
Radiologic (X-ray) technologist, technician, assistant.....	<sup>2</sup> 75,000 to 100,000
Secretarial and office services in the health field.....	250,000 to 275,000
Receptionist, secretary, assistant, aide.....	250,000 to 275,000
Social work.....	24,200
Social worker—medical and psychiatric.....	22,700
Social work assistant.....	<sup>3</sup> 1,500
Specialized rehabilitation services.....	8,900 to 10,100
Corrective therapist.....	<sup>2</sup> 1,000 to 1,200
Educational therapist.....	<sup>4</sup> 500
Manual arts therapist.....	<sup>4</sup> 900
Music therapist.....	2,200
Recreational therapist.....	4,000 to 5,000
Homemaking rehabilitation consultant.....	300
Speech pathology and audiology.....	17,000
Speech pathologist and audiologist.....	17,000
Veterinary medicine.....	25,000
Veterinarian.....	<sup>4</sup> 25,000
Vocational rehabilitation counseling.....	11,100
Vocational rehabilitation counselor.....	11,100
Miscellaneous health services.....	35,000 to 37,000
Surgical technical aide.....	<sup>2</sup> 19,000
Inhalation therapy technician.....	8,000
Electrocardiograph technician.....	6,000 to 7,000
Electroencephalograph technician.....	2,000 to 3,000

<sup>1</sup> Each occupation is counted only once. For example, all physicians are in medicine and osteopathy.

<sup>2</sup> 1967 estimate repeated in absence of sufficient information on which to base revision.

<sup>3</sup> With bachelor's degree or ASCP certified.

<sup>4</sup> Estimate indicates active rather than total.

<sup>5</sup> Preliminary estimate.

<sup>6</sup> 1965 estimate repeated in absence of sufficient information on which to base revision.

<sup>7</sup> Previous editions included a combined estimate for "Sanitariums and Sanitarian Technicians".

<sup>8</sup> Limited to hospital employees in 1966.

**Table 30. PHYSICIANS IN RELATION TO POPULATION: SELECTED YEARS, 1950 THROUGH 1967**

Year <sup>1</sup>	Population in thousands	Number of physicians			Physicians per 100,000 population
		M.D. and D.O.	M.D.	D.O.	
	Total <sup>2</sup>	All physicians, active and inactive <sup>3</sup>			
1967.....	203,704	322,045	308,630	13,415	158
1966.....	201,585	313,559	300,375	13,184	156
1965.....	199,278	305,115	292,088	13,027	153
1964.....	196,858	297,089	284,224	12,865	151
1963.....	194,169	289,188	276,475	12,713	149
1960.....	185,370	274,833	260,484	14,349	148
1955.....	170,499	255,211	241,711	13,500	150
1950.....	156,472	232,697	219,997	12,700	149
	Total	All Federal and active non-Federal physicians <sup>4</sup>			
1967.....	203,704	305,453	294,072	11,381	150
1966.....	201,585	297,097	285,857	11,240	147
1965.....	199,278	288,671	277,575	11,096	145
1964.....	196,858	280,461	269,552	10,909	142
1963.....	194,169	272,500	261,728	10,772	140
1960.....	185,370	259,420	247,257	12,163	140
1955.....	170,499	240,153	228,553	11,600	141
1950.....	156,472	219,897	208,997	10,900	141
	Civilians	Non-Federal physicians providing patient care <sup>5</sup>			
1967.....	199,783	260,296	249,273	11,023	130
1966.....	197,662	254,396	243,333	11,063	129
1965.....	195,833	250,208	239,262	10,946	128
1964.....	193,612	244,542	233,772	10,770	126
1963.....	190,892	237,673	227,027	10,646	125

See footnotes at end of table.

Table 30. PHYSICIANS IN RELATION TO POPULATION: SELECTED YEARS, 1950 THROUGH 1967—Continued

Year <sup>1</sup>	Population in thousands	Number of physicians			Physicians per 100,000 population
		M.D. and D.O.	M.D.	D.O.	
	Civilians	Non-Federal physicians providing patient care in office-based practice <sup>2</sup>			
1967.....	199,783	200,146	190,079	10,067	100
1966.....	197,662	197,214	187,100	10,114	100
1965.....	195,833	195,334	185,338	9,996	100
1964.....	193,612	192,978	183,076	9,902	100
1963.....	190,892	189,267	179,449	9,818	99
1960.....	182,349	179,177	168,142	11,035	98
1955.....	167,038	169,871	159,371	10,500	102
1950.....	153,695	168,089	158,189	9,900	109

<sup>1</sup> All data as of December 31.

<sup>2</sup> Includes civilians in 50 States, District of Columbia, Puerto Rico, and other U.S. outlying areas; U.S. citizens in foreign countries, and the Armed Forces in United States and abroad.

<sup>3</sup> Includes non-Federal physicians in the 50 States, District of Columbia, Puerto Rico, and other U.S. outlying areas (American Samoa, Canal Zone, Guam, Pacific Islands, and Virgin Islands); those with addresses temporarily unknown to the AMA; and Federal physicians in the United States and abroad. Excludes physicians with

temporary foreign addresses.

<sup>4</sup> Excludes physicians with addresses temporarily unknown to the AMA and those whose status was not reported to the AOA.

<sup>5</sup> Includes those in solo, partnership, group, or other forms of office practice and those in hospital-based practice—interns, residents, fellows, and full-time hospital staff.

<sup>6</sup> Data for 1963-67 are for M.D.'s in solo, partnership, group, or other practice and D.O.'s in private practice. Prior to 1963 data refer to M.D.'s and D.O.'s in private practice.

Sources: AMA Department of Survey Research: *Distribution of Physicians, Hospitals, and Hospital Beds in the U.S., 1967. Regional, State, County, Metropolitan Areas*. J. N. Haug and G. A. Roback. Chicago.

American Medical Association, 1968. Also prior reports.

Division of Public Health Methods, Dental Public Health and Resources, and Nursing: Manpower in the 1960's. *Health Manpower Source Book 18*. PHS Pub No 269, Section 18. Public Health Service, U.S. Department of Health, Education, and Welfare. Washington. U.S. Government Printing Office, 1964. Table 12.

Membership and Statistics Department: *A Statistical Study of the Osteopathic Profession, December 31, 1967*. Chicago. American Osteopathic Association, June 1968. Also prior editions.

U.S. Bureau of the Census: Population estimates. *Current Population Reports*. Series P-25, Nos. 327, 336, 358, 361, 386, and 392. U.S. Department of State: *Annual Report on U.S. Citizen Personnel and Their Dependents—as of March 31, 1967*. Also prior reports.

Table 31. PHYSICIANS BY TYPE OF PRACTICE: 1963-67<sup>1</sup>

Type of practice	1963	1964	1965	1966	1967
All physicians .....	289,188	297,089	305,115	313,559	322,045
Active physicians <sup>2</sup> .....	272,500	280,461	288,671	297,097	305,453
Doctors of Medicine .....	276,475	284,224	292,088	300,375	308,630
Non-Federal .....	253,226	261,048	268,040	272,891	279,418
Patient care <sup>3</sup> .....	227,027	233,772	239,262	243,333	249,273
Solo, partnership, group or other practice <sup>4</sup> ..	179,449	183,076	185,338	187,100	190,079
General practice <sup>5</sup> .....	69,041	67,583	66,377	64,776	63,548
Other full-time primary specialty .....	110,408	115,493	118,961	122,324	126,536
Hospital-based practice .....	47,578	50,696	53,924	56,233	59,194
Training programs <sup>6</sup> .....	35,153	37,473	39,604	40,709	42,590
Full-time hospital staff .....	12,425	13,223	14,320	15,524	16,604
Other professional activity <sup>7</sup> .....	12,787	13,937	15,499	16,346	17,247
Inactive .....	13,412	13,339	13,279	13,212	12,898
Federal .....	21,914	21,843	22,814	26,178	27,552
Patient care <sup>3</sup> .....	19,924	19,771	20,156	23,433	24,917
Training programs <sup>6</sup> .....	3,363	3,535	3,902	4,228	4,266
Full-time hospital staff .....	16,561	16,236	16,254	19,205	20,651
Other professional activity <sup>7</sup> .....	1,990	2,072	2,658	2,745	2,635
Address unknown .....	1,335	1,333	1,234	1,306	1,660
Doctors of Osteopathy .....	12,713	12,865	13,027	13,184	13,415
Non-Federal .....	12,702	12,849	13,005	13,155	13,243
Patient care <sup>3</sup> .....	10,646	10,770	10,946	11,063	11,023
Private practice .....	9,818	9,902	9,996	10,114	10,067
General practice <sup>8</sup> .....	8,699	8,704	8,730	8,766	8,651
Other full-time primary specialty .....	1,119	1,198	1,266	1,348	1,416
Hospital-based practice .....	828	868	950	949	956
Training programs <sup>6</sup> .....	655	687	768	755	775
Full-time hospital staff .....	173	181	182	194	181
Other professional activity <sup>7</sup> .....	115	123	128	148	186
Inactive .....	1,188	1,211	1,232	1,263	1,300
Status not reported .....	753	745	699	681	734
Federal .....	11	16	22	29	172

<sup>1</sup> Includes non-Federal physicians in the 50 States, District of Columbia, Puerto Rico, and other U.S. outlying areas (American Samoa, Canal Zone, Guam, Pacific Islands, and Virgin Islands); those with addresses temporarily unknown to the American Medical Association; and Federal physicians in the United States and abroad. Excludes physicians with temporary foreign addresses.

<sup>2</sup> Excludes the categories inactive, address unknown, and status not reported.

<sup>3</sup> M.D.'s include those in solo, partnership, group or other practice

and those in hospital-based practice; D.O.'s include those in private practice, and those in hospital-based practice.

<sup>4</sup> Includes M.D.'s providing patient care in private practice and institutional settings such as industry, insurance companies, health departments, laboratories, etc.

<sup>5</sup> Includes no specialty and other specialties not recognized.

<sup>6</sup> Includes interns, residents, and fellows.

<sup>7</sup> Includes teaching, administration, and research.

<sup>8</sup> Includes manipulative therapy.

Sources: AMA Department of Survey Research. *Distribution of Physicians, Hospitals, and Hospital Beds in the U.S., 1967: Regional, State, County, Metropolitan Area*. J. N. Haug and G. A. Roback. Chicago. American Medical Association, 1968. Also, prior annual reports.

AOA Membership and Statistics Department: *A Statistical Study of the Osteopathic Profession, December 31, 1967*. Chicago. American Osteopathic Association, June 1968. Also, prior annual reports.